$$\begin{aligned} & \text{CUF - 2013 25en} & \text{12/03/2016} \\ & \text{O1. a) for un fo:} \\ & \text{E:} \frac{h \sqrt{y}}{2\pi r_{1}} = \frac{1}{2\pi r_{0}} & \text{or} \\ & \text{or} \end{aligned} = \frac{1}{2\pi r_{0}} \ln \left( \frac{r_{0}}{r_{0}} \right) = \frac{1}{2\pi r_{0}} \ln \left( \frac{r_{0}}{r_{0}} \right) = \frac{1}{2\pi r_{0}} \ln \left( \frac{r_{0}}{r_{0}} \right) \\ & \text{O1. a) for un fo:} \\ & \text{V.} \\ & \text$$

d) 
$$\int_{-\infty}^{\infty} \frac{\lambda \alpha}{(\alpha^{2}+2)^{2}} dy = \frac{\alpha}{\alpha} = \frac{\alpha^{2}+2^{2}}{\alpha^{2}+2^{2}} \frac{\lambda \alpha}{\alpha^{2}+2^{2}} \frac{\lambda \alpha$$

a) 
$$\frac{1}{2} \frac{1}{2} \frac{1}{4} \frac{1}{4} \frac{1}{2} \frac{1}{2} \frac{1}{4} \frac$$

(363/m6)

(4) - 12 dyle) + Luryle) = Eyle)

ψ" + (mux+2mt) 4 = 0 d = mu, λ= zat t² d

ε: x<sup>2</sup>x

dε: x<sup>2</sup> = μ'(ε) + (α) - α<sup>2</sup>ε / ψ: ο

ψ'(ε) - ε<sup>2</sup>ψ(ε) = ο (α ε - ± ∞

( de - c2) 4 = ( de - e) ( de + E) +(e) = 0

ψ(ε) + ε Ψ(ε) = 0

(ε) + ε Ψ(ε) = 0

(ε) = Δε

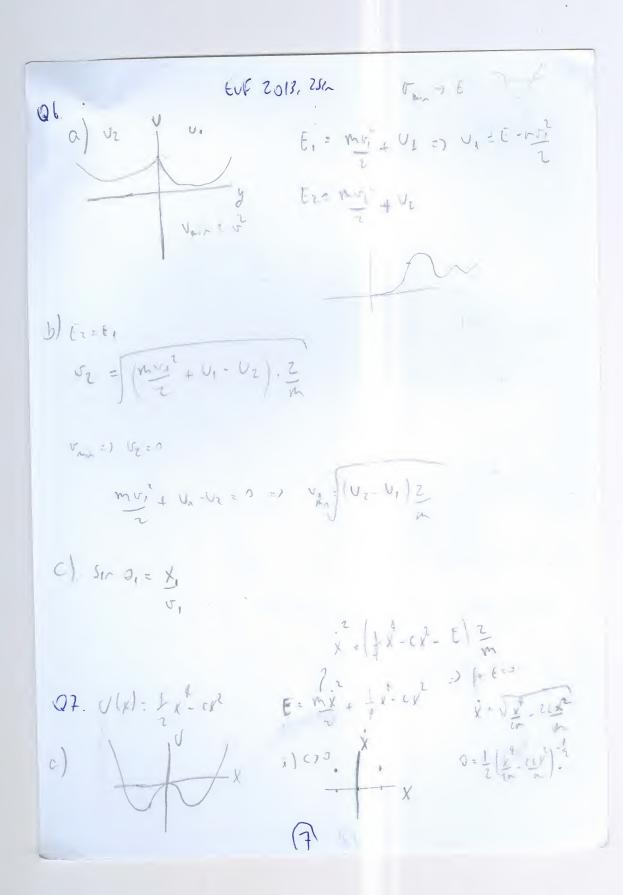
QS PASSER

a) U= 3 NRT - 3 PV, S= 3 NAT+P, V+C, sortype 15=0

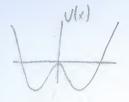
DS= RINAT + RINAVES) OT = OV 3) NR = AP NRT = PV 3) NRAT = APOV NR = 31Po X (S)

V2=0 3 R/ACT + R/A OV = C AT: APAY Instit Incv. c In 672.00 = C ( | ( P V ) - 31 (NR) = C B Vz Vo + AV b) A3 5 = 13 VS V; NA Vd. (328)3= 90 V2 11=3280 10 = - Vo + 2 V p VI = Vo C) A NRTo = Pova NRTP : PIVO (2 - 123) NRTP = 32 Po . Vo 11:70.325 8) dv = 60 - 6m

16

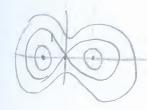


C70



0 = 0







(co vix).



b) E= my + 1x - cx

solvery production of perto fix a

1363 08 (2- asp) 24(p.t) = 12 16(p.t). 4(p.1)= 1 (zit) 3/ (32 1 in) 1/2 w(1) 2(1) = 1 (2013 / 2° p & porth + (p) 1 d ( = 23 pet 4(p) = = { 23 pet ( 24(p) ) } = { ( 23p exp ( 45) . [ 22 - c 5/2 ] 4(p) V= 2 = , dv. E + = ) f. 5 ex(==) - | E to ex[i] dr ve C due 1 va ules). to evet extigr ove (b) exter) まれ explise)+ f. (こ) exp(学)

OS

(a) 
$$[5\hat{x}, 5\hat{y}]_2 = \hat{x}\hat{x}\hat{x}\hat{y} - \hat{y}\hat{y}\hat{x} = \frac{12}{2}(0.0) + \frac{11}{2}(0.0) +$$

610. (1/3) of the constant of the property of